LITEON
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Slim Tray-type 8x4x8x4x DVDRW Drive

Features — SOSW-833S

- ★ **12.7mm height and high efficient power saving modes for notebook computer use**
- ★ **SMART-BURN(*1) avoiding Buffer Under Run error, Automatically adjusting writing strategy & running OPC to provide the best burning quality**
- ★ **SMART-X(*2) function adjusts CD-DA / VCD / DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality**
- ★ **Support Fixed Packet, Variable Packet, TAO, SAO, DAO, Raw Mode Burning & Over-Burn**
- ★ **DVD read compliant: DVD single/dual layer (PTP, OTP), DVD-R(3.9G/4.7G), DVD-R multi-borders, DVD+R, DVD+R multi-sessions, DVD+R Double Layer, DVD-RW, and DVD+RW discs with diameter of 8 or 12 cm**
- ★ **CD read compliant: CD-DA, CD-ROM, CD-ROM/XA , Photo-CD, Multi-session, Karaoke-CD, Video-CD, CD-I FMV, CD Extra, CD Plus, CD-R , and CD-RW discs of 8 or 12 cm**
- ★ **Conforms to Orange Book: Part 2 CD-R Volume 1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (1x, 2x, and 4x), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed. Support Fixed packet, Variable packet, Disc-at-once, Session-at-once and Track-at-once**
- ★ **Support PIO mode 4, DMA mode 2 and Ultra DMA mode 2**

Specifications

◎ **Performance :**

Write CD	24x (3600KB/sec) maximum by P-CAV	
ReWrite CD	24x (3600KB/sec) maximum by P-CAV	
Write DVD+R:	8x (10800KB/sec) maximum by ZCLV	
ReWrite DVD+RW:	4x (5400KB/sec) maximum by ZCLV	
Write DVD-R:	8x (10800KB/sec) maximum by ZCLV	
ReWrite DVD-RW:	4x (5400KB/sec) maximum by ZCLV	
DL Write DVD+R:	2.4x (3240KB/sec) maximum by CLV (Optional)	
Read:	CD Family	24x (3600KB/sec) maximum by CAV
	DVD Family	8x (10800KB/sec) maximum by CAV
Access time	CD Family	110ms
	DVD Family	130ms

◎ **Buffer Size :** 2MB

◎ **PC Required :** Pentium 166MHz or faster CPU, 128MB DRAM Required
HDD must have access time < 20ms, with a minimum of 100MBytes Free space

◎ **Compatibility :** Windows 98/2000/ME/XP family

◎ **MTBF(Life) :** 60000 Hours

◎ **Environment :**

Operating	5℃ to 35℃; Relative Humidity: 10% to 80% (non-condensing)
Non-Operating	-40℃ to 65℃; Relative Humidity: 10% to 90% (non-condensing)

◎ **Dimension :** 128(W) x 12.7(H) x 127(D) mm

◎ **Weight :** 200 +/- 0.5g

◎ **Voltage Requirements :**
+5V +/-5% and less than 100 mVp-p ripple voltage from 1KHz to 1MHz

*1 **SMART-BURN : S**mart **M**onitoring & **A**dapting **R**ecording **T**echnology for **BURN**ing.
*2 **SMART-X : S**mart **M**onitoring & **A**djusting **R**ead-speed **T**echnology for e**X**traction.

Contents are subject to change without notice